Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800
Title: METHOD TO EXECUTE ACPI ASL CODE AFTER TRAPPING

ON AN I/O OR MEMORY ACCESS

1st Named Inventor: Rajeev K. Nalawadi Express Mail No.: EV339911995US Sheet: 1 of 4

Docket No.: 42P18572

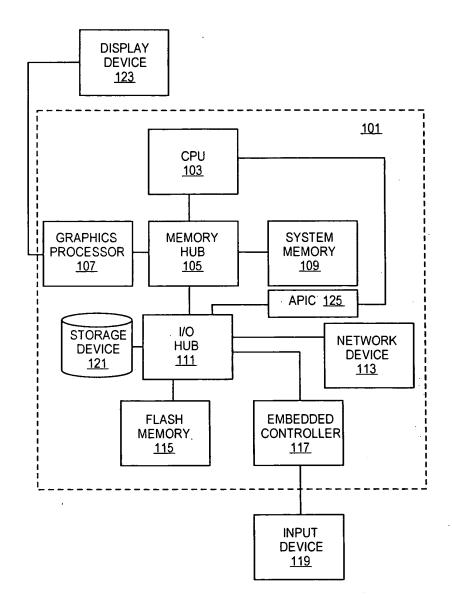


FIG. 1

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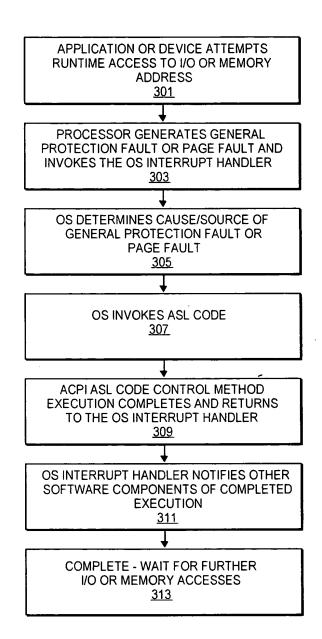
OS DETERMINES I/O AND MEMORY RESOURCES THAT NEED TO GENERATE PROTECTION AND PAGE FAULT INTERRUPTS <u>203</u> OS ASSIGNS I/O ADDRESSES TO **DEVICES AND USES I/O PROTECTION** BITMAP TABLE TO GENERATE A GENERAL PROTECTION INTERRUPT <u>205</u> OS ASSIGNS VIRTUAL MEMORY ADDRESSES TO DEVICES FOR GENERATING A PAGE FAULT **INTERRUPT** <u> 207</u> OS IDENTIFIES ACPI ASL CODE THAT CAN BE INVOKED BY SCI OCCURRENCES AND PORTION OF ACPI ASL CODE THAT CAN BE EXECUTED WITH I/O AND MEMORY **TRAPPING** 209 **RESUME NORMAL OS ACTIVITY**

FIG. 2

<u>211</u>

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FIG. 3

Blakely, Sokoloff, Taylor & Zafman LLP (310) 207-3800
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